

No. Pages: 10  
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## PHOTOGRAPHIC INTELLIGENCE MEMORANDUM

OMSK AIRCRAFT PLANT STALIN 166  
OMSK AIRCRAFT ENGINE PLANT BARANOVA 29  
OMSK AIRFIELD, EAST

[REDACTED]



HTA-M55-57

26 NOVEMBER 1957

**CONTAINS SENSITIVE  
COMPARTMENTED INFORMATION**

DOCUMENT NO. 14  
NO CHANGE IN CLASS. ☐  
☐ DECLASSIFIED  
CLASS. CHANGED TO TS (S) C  
NEXT REVIEW DATE: 2012  
AUTH: HR 70-2  
DATE: 07/26/02 REVIEWER: SS-3 21

CENTRAL INTELLIGENCE AGENCY  
OFFICE OF RESEARCH AND REPORTS

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Declass Review by NIMA/DOD

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**WARNING**

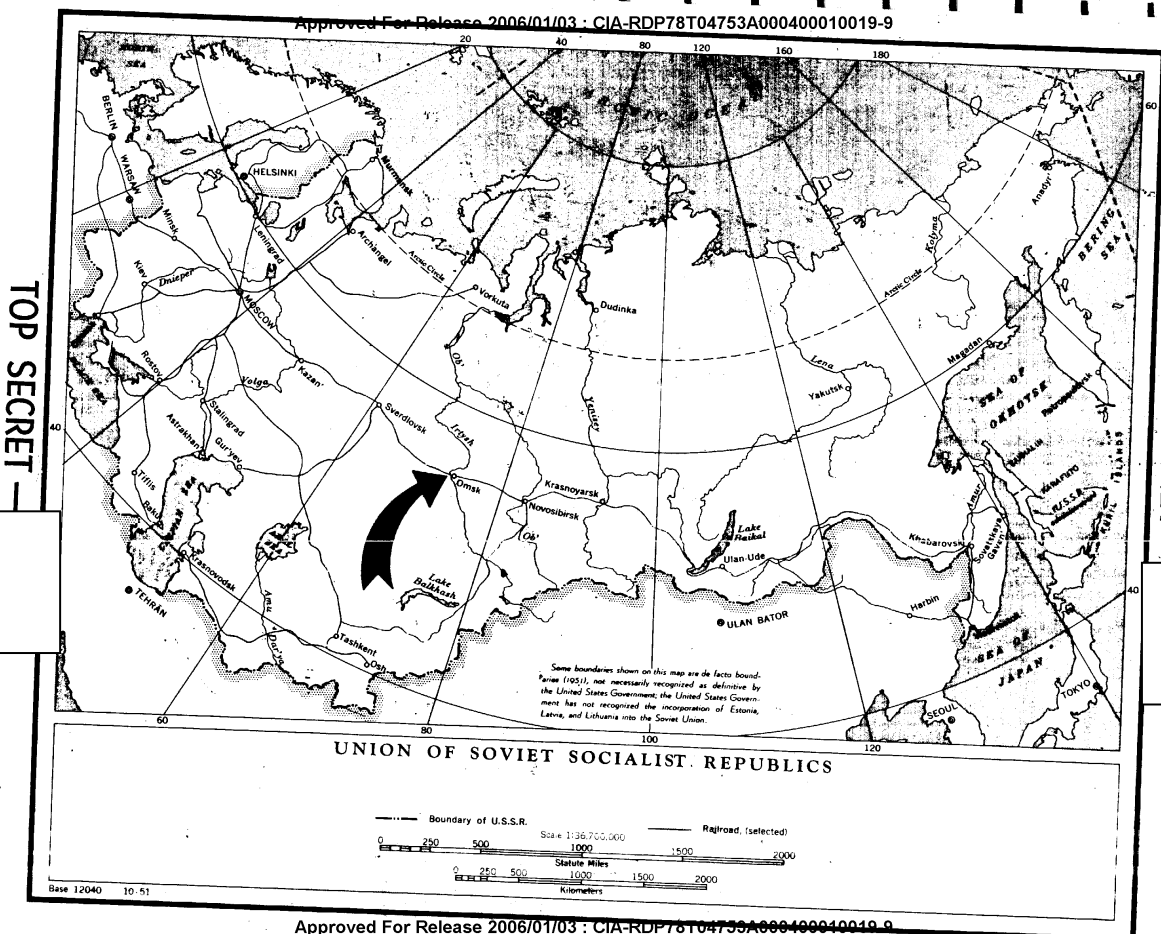
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OMSK AIRCRAFT PLANT "STALIN" 166  
OMSK AIRCRAFT ENGINE PLANT "BARANOVA" 29  
OMSK AIRFIELD, EAST

HTA/M-55/57  
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OMSK AIRCRAFT PLANT "STALIN" 166  
OMSK AIRCRAFT ENGINE PLANT "BARANOVA" 29  
OMSK AIRFIELD, EAST

The Omsk Aircraft Plant "Stalin" 166, Omsk Aircraft Engine Plant "Baranova" 29, and Omsk Airfield, East are three associated and adjoining installations located in the southeastern outskirts of Omsk, USSR (see Figure 3). The Omsk Rubber Products Plant has been described in HTA/M-50/57.

Omsk Aircraft Plant "Stalin" 166 is a major producer of medium jet aircraft. It occupies an area approximately 3000 feet by 2000 feet and has roof cover of approximately one and one-half million square feet. The plant is rail served and surrounded by a high wall with guard towers.

Omsk Aircraft Engine Plant "Baranova" 29 is a major producer of both jet and reciprocating aircraft engines. It occupies an area approximately 4000 feet by 2200 feet, has roof cover of approximately two million square feet, and contains three jet engine test cells and fourteen reciprocating engine test cells. The plant is rail served and surrounded by a high wall with guard towers.

Omsk Airfield, East is the test and flyaway field for the aircraft produced by the adjacent plants. Four aircraft are observed on the airfield, two Camels, one Cab, and one Crate. The concrete runway measures 7100'x 230'. Located at the airfield is a final assembly hangar, 410'x 165' and 50' high. A new final assembly hangar 1240'x 210' and 80' high, is in final stages of construction. A new runway, 8600'x 280', is under construction approximately four miles east

TOP SECRET

TOP SECRET

HTA/M-55/57

of the old runway. A new taxiway, three miles long, leads from the new final assembly hangar to the new runway.

The major components of the aircraft plant, the aircraft engine plant, and the airfield are identified on the accompanying plan view and photographs and described in the following keys to annotations.

TOP SECRET

HTA/M-55/57

KEY TO ANNOTATIONS  
OMSK AIRCRAFT ENGINE PLANT "BARANOVA" 29

1. Two storage buildings, one 90'x 55', one L-shaped, 105'x 40' with 40'x 30' wing.
2. Pattern shop, 475'x 130'.
3. Steam plant, 115'x 80'.
4. Coal storage.
5. Seven storage buildings, 120'x 75', 80'x 30', 65'x 30', and four 120'x 30'.
6. Sawmill, 55'x 40'.
7. Possible POL storage. This rail-served area, 330'x 185', is completely enclosed by fence and possibly contains buried fuel tanks.
8. Storage building, 145'x 65'.
9. Storage building, 400'x 100'.
10. Five assembly and machine shops, each 400'x 150', two of which have longitudinal monitor roofs. These shops are probably engaged in disassembly, washing, inspecting and reassembly processes.
11. Five storage buildings, 115'x 25', 160'x 25', and three 50'x 25'.
12. Two storage buildings, one 195'x 65', one L-shaped, 105'x 40' with 40'x 30' wing.
13. Steam plant, 115'x 50', with adjoining shed, 80'x 25'.
14. Engine test cells. Three jet-engine test cells 120'x 25' and 14 U-shaped reciprocating-engine test cells, two 80'x 20' and twelve 65' x 15'.
15. Assembly building, 595'x 400', saw-tooth roof.
16. Two storage buildings, 115'x 40' and 100'x 50'.
17. Shop, 115'x 65'.
18. Forge or foundry, 460'x 200', with two wings, 100'x 80' and 100'x 100', monitor roof.

-5-

TOP SECRET

25X1

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KEY TO ANNOTATIONS  
ENGINE PLANT (continued)

19. Forge or foundry, 215'x 100', monitor roof.
20. Forge or foundry, 460'x 180', monitor roof.
21. Forge or foundry, 420'x 115', monitor roof.
22. Machine shop, 925'x 525', saw-tooth roof.
23. Shop, 280'x 140', monitor roof, with 175'x 70' wing connected to Item 22.
24. Machine shop, 480'x 480', saw-tooth roof.
25. Shop, 300'x 130', monitor roof.
26. Storage building, 250'x 40'.
27. Repair and maintenance shop, L-shaped 200'x 80' and 80'x 40' with 40'x 40' wing.
28. Storage building, 160'x 40'.
29. Engineering shop or laboratory, T-shaped, 100'x 50' and 100'x 30'.
30. Administration, L-shaped, 210'x 55' and 75'x 55'.
31. Main administration building, 170'x 55', two or three story.
32. Garage, 160'x 50'.
33. Administration, 115'x 50'.

TOP SECRET

25X1



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KEY TO ANNOTATIONS  
OMSK AIRCRAFT PLANT 166

34. Administration or laboratory building, two or three story, 220'x 180', with 70'x 50' structure on roof.
- 35.. Four storage buildings, 180'x 65', 100'x 30', 65'x 25' and 55'x 40'.
36. Building under construction, T-shaped, 130'x 40' and 70'x 55'.
37. Production shop, 675'x 140'.
38. Production shop, 675'x 165', roof undergoing repairs.
39. Sub-assembly building, 660'x 630', with wing 265'x 200'.
40. Two storage buildings, 65'x 50' and 65'x 15'.
41. Production shop, 660'x 130', monitor roof.
42. Production shop, 660'x 130', monitor roof.
43. Storage building, 200'x 65'.
44. Forge or foundry, 380'x 65', monitor roof.
45. Four storage buildings, 90'x 40', and three 105'x 40'.
46. Storage building, 145'x 40'.
47. Production shop, 380'x 65', monitor roof.
48. Storage building, 160'x 40'.
49. Two production shops, 410'x 150' and 230'x 65', monitor roofs.
50. Coal storage.
51. Three administration or laboratory buildings, 115'x 65', 80'x 45', 55'x 30'.
52. Storage building, 115'x 40'.
53. Steam plant, 230'x 65'.
54. Production shop, 610'x 150'.
55. Sub-assembly building, 710'x 460', monitor roof.

TOP SECRET

HTA/M-55/57

KEY TO ANNOTATIONS  
AIRCRAFT PLANT (continued)

56. Two administration buildings, one U-shaped, 80'x 65' and 65'x 50' with a connecting wing, 65'x 25', and the other 75'x 40'.
57. Two administration buildings, both L-shaped. One 130'x 35' with 35'x 20' wing, the other 230'x 35' with 35'x 35' wing.

TOP SECRET

TOP SECRET

HTA/M-55/57

**KEY TO ANNOTATIONS**  
**OMSK AIRFIELD, EAST**

1. Personnel buildings; six 200'x 50', five 90'x 30', one T-shaped 90'x 30' and 55'x 30'. Several other barracks-type and administration buildings are under construction in this area.
2. Runway. 7100'x 230', oriented NE/SW, concrete surface.
3. Final Assembly Hangar, 1240'x 210', 70' high to eaves, 80' high including monitors. This hangar appears to be in final stages of construction. A rail spur is under construction linking this hangar to the adjacent airframe and aircraft engine plants.
4. Taxiway under construction, 16,000x 70'. This taxiway leads to the new runway.
5. Batching Plant and Construction Equipment Storage, rail served.
6. POL Storage. Two tanks, each 35' diameter, and five horizontal tanks, each 35' long.
7. Final Assembly Hangar, 410'x 165', 50' to eaves, monitor roof. This hangar is operational and has rail connections with the adjacent airframe and aircraft engine plants.
8. Maintenance Hangar, 215'x 165', 50' high.
9. Probable Military Supply Depot and Vehicle Storage Area. This area, 6500'x 3000' is completely surrounded by a 65' wide plowed strip with fence and guard towers. Within this compound is another secured area. 2200'x 2000' completely surrounded by an 80' wide plowed strip, double fence and guard towers. This area is rail served and contains approximately 30 storage-type buildings of which the eight largest measure 130'x 60'.
10. Special Storage Area. This area, 2000'x 1700', is completely surrounded by a 175' wide cleared strip, a double fence and guard towers. Within the secure area are four single-story buildings, each 180'x 65'. These four buildings are arranged in a pattern which provides a distance of 625' between buildings. This isolated arrangement of buildings suggests the possibility of some type of military storage.
11. New Runway under construction. Approximately 8600'x 280', oriented NE/SW. A section, 3600'x 280', appears completed with concrete surface. Grading and surfacing operations on the remaining 5000' are currently in progress. Runway extension capabilities are unlimited.
12. Probable Construction Camp. This area contains several storage-type buildings probably housing construction personnel, equipment, and materiel.

-9-

TOP SECRET

TOP SECRET

HTA/M-55/57

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REQUIREMENT: Prepared in answer to RR/HTA/E/R53/57 and  
RR/HTA/E/R54/57 requesting descriptions of Omsk Aircraft Plant  
"Stalin" 166, Omsk Aircraft Engine Plant "Baranova" No. 29, and  
Omsk Airfield, East.

REFERENCES: None

COORDINATES: 54°58'N - 73°27'E

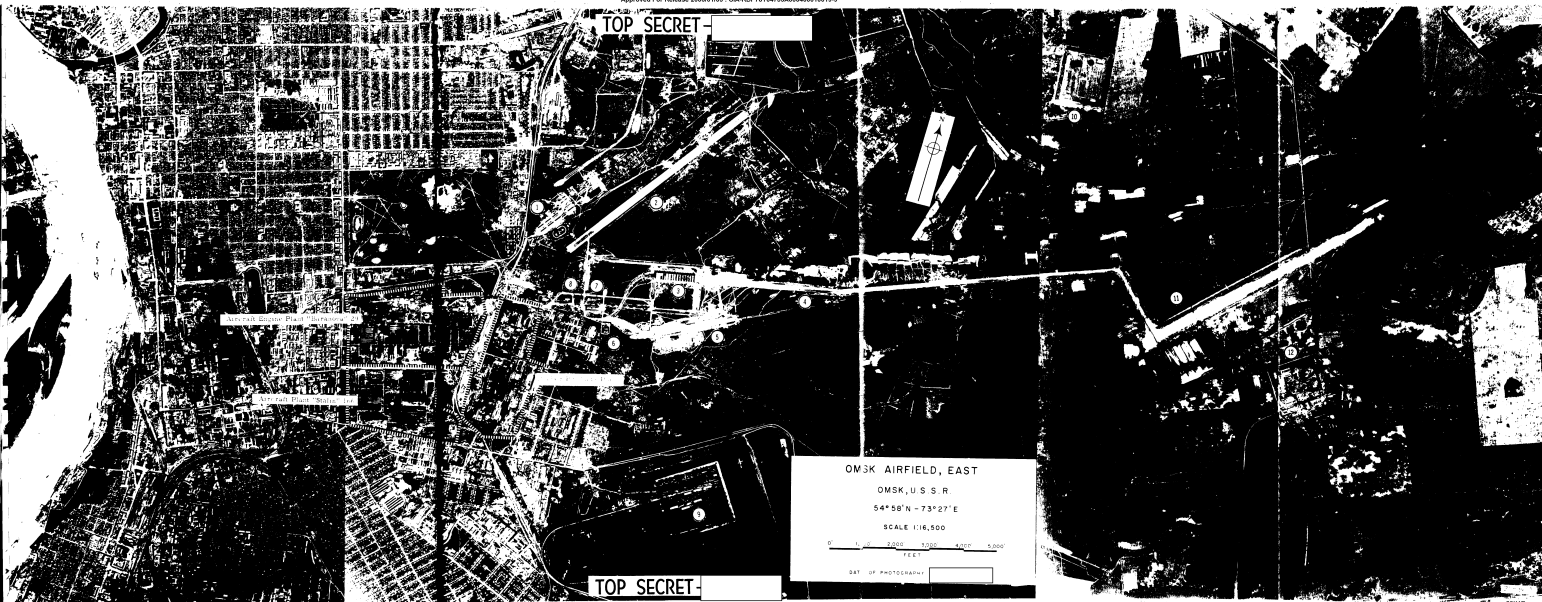
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 Aircraft Plant "Stalin" 166  
Aircraft Engine Plant "Baranova" 29  
Omsk Airfield, East

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OMSK AIRFIELD, EAST

OMSK, U.S.S.R.

54°58'N - 73°27'E

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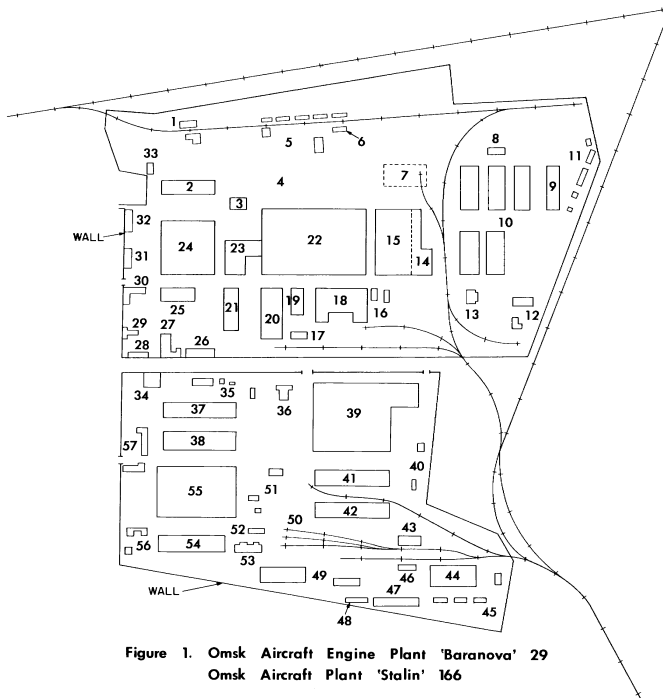
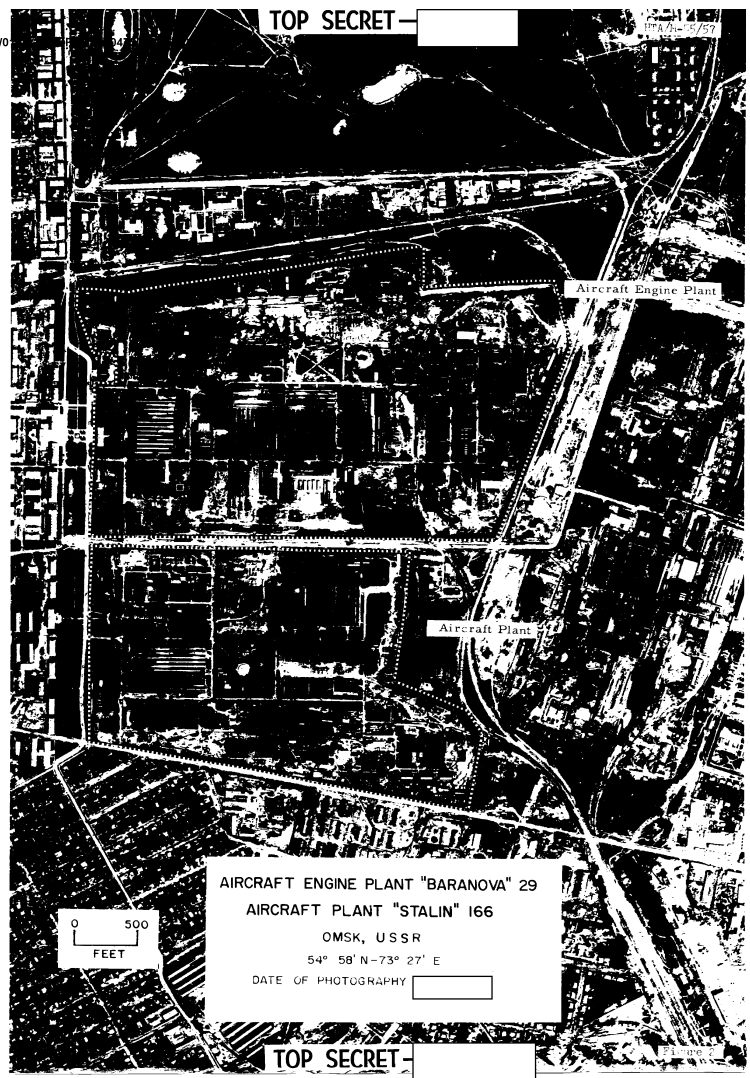


Figure 1. Omsk Aircraft Engine Plant 'Baranova' 29  
Omsk Aircraft Plant 'Stalin' 166



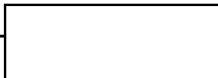
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